

# LASER



***The Amazer!***

Ford Laser



## The Crowd Amazer.

Laser Ghia. It's a crowd amazer! With dazzling good looks that have been influenced by the latest European design concepts. Smooth, stylish, exciting lines, with a wide track, get-up-and-go feeling. Subtle front and rear spoilers add to the effect and assist Laser Ghia's aerodynamics. Colour-keyed, full wrap-around bumpers add style and pizzazz while they smoothly complement Laser's grille and headlamps.

The steeply raked engine-hood sweeps up to meet the windscreen and Laser's smooth lines continue to the stylish rear-end treatment where integrated combination lamps blend elegantly with subtle curves that soothe the eye and cheat the wind.

Before you even step inside other features such as full wheel covers and distinctive pin stripes will catch your eye.



## More Amazement

**on the inside.** Open the doors and Laser Ghia continues to amaze. There's a feeling of luxury and spaciousness. Softly colour-keyed upholstery with door-to-door loop-pile carpet; carpet on the door pockets and kick panels; and velour inserts within the full wrapover door trims.

Sit down. Feel the comfort. See how stylish Laser is, inside as well as out.



Automatic transmission optional at extra cost.



Air-conditioning optional at extra cost.

The front and rear seats for instance are richly faced in contrasting textured velours. You'll be amazed by how much you can arrange and re-arrange Laser Ghia's interior for your individual size, convenience and comfort.

The front seats feature variable back-rake adjustment. The driver's seat also has adjustments for cushion tilt, seat height and lumbar support. Padded headrests contribute to safety and comfort. Whilst the Laser Ghia's rear seat with its

50/50 split back-rest provides thoughtful versatility in seating and luggage.

A whole world of convenience opens up inside Laser Ghia. Tilt steering, central door locking system, electric remote-controlled exterior rear-view mirrors, illuminated entry system and remote releases for fuel lid and hatchback.

## You are in command.

Laser Ghia features an integrated dash with controls grouped within your easy reach. Vital information is there at a glance from the speedo, tachometer, fuel meter, fuel and temperature gauges, which are housed in a non-glare binnacle. Warning lights monitor vital functions and a chime reminds you if the headlights are left on when the ignition is switched off.

Laser Ghia's climate control is designed for your comfort - it's fully integrated, so inside Ghia, as in all Laser models you can enjoy rapid air exchange and a continuously fresh environment. Cabin temperature can easily be adjusted with Laser's flow-through ventilation and heating system, instrument panel vents and four-speed fan. The option of integrated air-conditioning is available on Laser Ghia too.



### *The Spirit Raiser.*

Strong on personality, with lots of style and flair, the Laser GL has a superbly designed free-flowing body shape. It looks great and feels terrific.

GL's smooth lines are enhanced by flush door handles, integrated hatch-lift and semi-concealed drip rails. Full wrap-around bumpers, and body side mouldings, together with the

large expanse of tinted side and rear glass add to Laser's good looks.

Below the sweeping line of its engine hood, the choice of engine and transmission is yours. There's an efficient 1.3 litre with four-speed manual or the optional 1.6 litre with four or five-speed manual transmissions or T-Bar auto.

### *So Distinctive Inside.*

Slip into Laser GL's cloth-faced bucket seats. Look around. It's as though Laser GL has been designed around you. The roominess of GL's space-efficient body shape means that this spirit raiser is big in all the right places.



Vital controls and information systems are positioned right where you need them. There's a manual remote-control exterior rear-view mirror on the driver's side with a collapsible mounting. Laser GL is packed with practical and convenient features including:

- ☐ Prismatic Day/Night Mirror
- ☐ Twin-Speaker AM/FM Radio Stereo Cassette

- ☐ Quartz Digital Clock
- ☐ Remote Releases for Fuel lid and Hatchback
- ☐ Four-speed Fan-Boosted Ventilation
- ☐ Childproof Setting on Rear Door Locks

Step inside. Laser GL is ready and waiting to raise your spirits.



**LASER**

## *Amazingly Flexible Design.*

Excellent versatility has been achieved in the design of Laser's rear seat. Folding down one half of the 50/50 split rear-seat backrest provides the flexibility to increase the luggage capacity, while still allowing for a rear-seat passenger. Alternatively, to accommodate really big loads, both sections of the rear-seat backrest can be folded down to create clear load-space from the back of the front seats right through to the hatch.





## *Laser L.*

The Laser L offers you all the significant Laser styling and space advances – but in an economy package. With its economical 1.3 litre engine it is one of the most practical cars around, providing a rare combination of economy and driving pleasure.

Offering an amazingly spacious interior, Laser L includes features like bucket seats, four-speed fan, heater, rear-window wash/wipe and remote releases for fuel lid and hatchback.

## Bigger and Better Engines. Quicker and Quieter Performance.

Laser is available with a choice of highly efficient 1.3 or 1.6 litre engines. Each has an aluminium cross-flow cylinder head and high swirl combustion chambers. The 1.6 litre engine features a Computer Aided Design cylinder block, belt-driven overhead camshaft and lightweight valve construction. All these features combine to provide the quick and quiet performance that will truly raise your spirits.

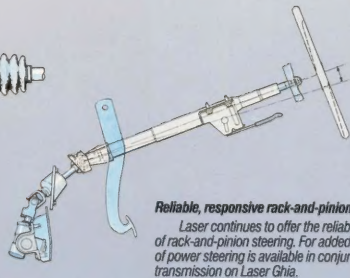
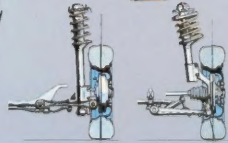
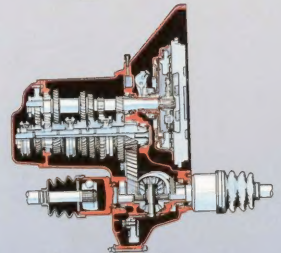
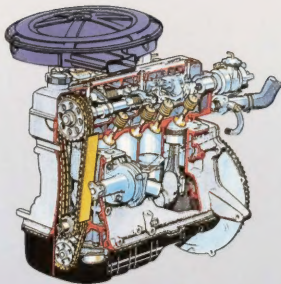
In Laser Ghia you can also enjoy the smooth performance of the 1.6 litre engine with Electronic Fuel Injection which is controlled by a rapid processing digital computer. Combined with the finely tuned intake manifold, port diameter and valve timing, Laser Ghia's fuel injection system works with the engine to provide smooth acceleration, extra passing power and excellent driveability.

**Manual transmission.** To provide a smooth, easy gear shift, Laser's manual transmission has a specially-designed linkage incorporating a stabiliser rod. Gear teeth have been designed for quiet running. Outstanding energy efficiency and transmission durability have been achieved with tapered roller bearings and a high-efficiency lubrication system. You'll find the benefits of Laser's manual transmission particularly noticeable during stop 'n' start city driving.

**Automatic transmission.** To provide improved fuel economy, Laser's automatic transmission features a lock-up torque converter that acts like a clutch, eliminating the slip that is inherent in conventional automatic transmissions. No wonder we call Laser - The Amazer.

### An amazing balance of road holding and ride comfort.

Laser provides an amazing ride for a car of its size, with 35mm longer wheelbase and 20mm wider rear track than its predecessor. The all-independent suspension helps Laser zip around corners and really iron out the bumps on broken road surfaces. The handling is surefooted and stable, and the ride is smooth and comfortable.

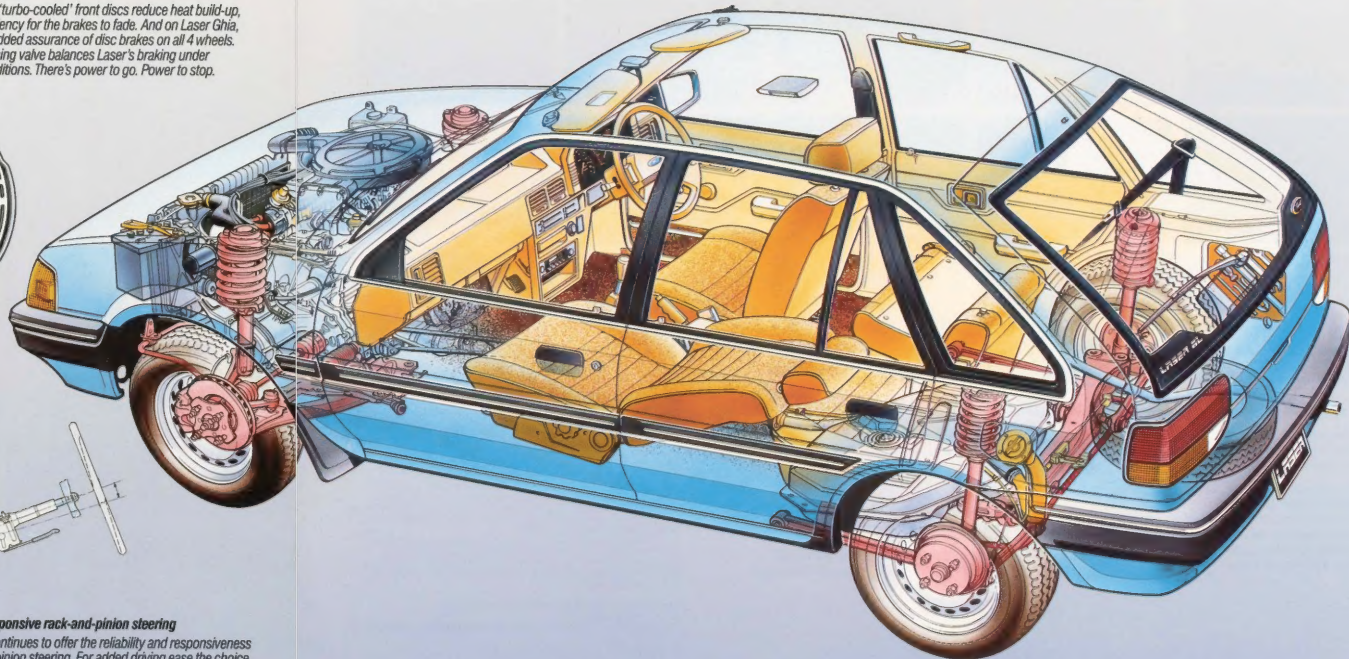


### Stopping power.

Laser's 'turbo-cooled' front discs reduce heat build-up, and the tendency for the brakes to fade. And on Laser Ghia, there's the added assurance of disc brakes on all 4 wheels. A proportioning valve balances Laser's braking under varying conditions. There's power to go. Power to stop.

### Reliable, responsive rack-and-pinion steering

Laser continues to offer the reliability and responsiveness of rack-and-pinion steering. For added driving ease the choice of power steering is available in conjunction with automatic transmission on Laser Ghia.





## *An amazing number of convenience features.*

In the areas of comfort and convenience, many cleverly engineered refinements add up to make Laser the Crowd Amazer – and the Spirit Raiser!

- 1 Two-speed windscreen wipers with intermittent setting and washer control (All models)
- 2 Passenger sunvisor with vanity mirror (except L)
- 3 Electric remote-control exterior rear-view mirrors (Ghia)
- 4 Central door locking system (Ghia)
- 5 Driver's left footrest (Ghia)

- 6 Comprehensive tool kit (All models)
- 7 Illuminated entry system (Ghia)
- 8 Interior lamp with map/spotlights (Ghia)
- 9 Front passenger seat undertray (Ghia)
- 10 Front door pockets (GL, Ghia – Ghia illustrated)
- 11 Multi-adjustable driver's seat (Ghia)
- 12 Door courtesy/warning lamps (Ghia)
- 13 Rear wash/wipe (All models)
- 14 Remote fuel lid and tailgate releases (All models)
- 15 Power-assisted steering (optional on Ghia automatic)

Some specifications, features and equipment of early production Laser Ghias will, or may, differ from those depicted and/or described in this brochure.

About this brochure. This brochure is designed to provide you with a general introduction to the Ford Products (including available optional equipment) referred to, and should be read in conjunction with the latest specification sheets. Because of changes in conditions and circumstances Ford\* reserves the right, subject to all applicable laws, at any time, at its discretion, and without notice to discontinue or change the features, designs, materials, colours and other specifications and the prices of its products, and to either permanently or temporarily withdraw any such products from the market without incurring any liability to any prospective purchaser or purchaser.

The latest specification sheet should be referred to for information on the availability, ordering and use of optional equipment. Always consult an Authorised Ford Dealer for the latest information with respect to features, specifications, prices, optional equipment and availability before deciding to place an order.

\*FORD MOTOR COMPANY OF AUSTRALIA LIMITED  
(Incorporated in Victoria)  
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# Ford Laser Standard Equipment

## Laser L Standard Equipment

- 1.3 L OHC engine
- Electronic ignition
- 4 speed manual floor shift transmission
- Ventilated front disc brakes
- Rear drum brakes
- Four wheel independent suspension
- Rear stabilizer bar
- 165/75 SR13 steel belt radial ply tyres
- 13" x 5" JJ steel wheels with mini cap
- Rack & pinion steering
- Black bumper with black insert
- Medium section black bodyside protection mouldings
- Front mudflaps
- Manual choke (auto return)
- Tinted band laminated windscreen
- Tinted side and rear glass
- Warning lights - turn signal/hazard, high beam, oil pressure, alternator, brake fail, park brake
- Gauges: speedometer, odometer, tripmeter, fuel gauge and water temperature gauge
- Halogen headlamps
- Panel light rheostat
- Interior courtesy light operated by front door
- Height adjustable/removable front head rests
- Infinite position recliner for front seats
- Vinyl seat trim and headlining vinyl covered sunvisors with driver's side ticket holder
- Front and rear inertia reel seat belts
- One piece folding rear seat back
- 4 speed fan boosted ventilation
- Rear heater ducts
- Rear console/handbrake surround with rear ashtray
- Carpeted floor in passenger compartment
- RHS manual remote control exterior rear view mirror (safety breakaway type)
- Prismatic day/night interior rear view mirror
- Remote tailgate/fuel filler releases
- Lockable glovebox
- Front ashtray
- Cigar lighter
- 2 speed plus intermittent windscreen wiper setting
- Rear wiper/washer
- Dual jet windscreen washers
- Soft feel steering wheel and gearshift knob
- Childproof rear door locks
- Comprehensive toolkit and jack
- Trunk carpet

### Options

- Metallic paint
- Prestige paint

## Laser GL As for Laser L, but with these different, upgraded or additional features:

- Bright half wheel cap
- Front stabiliser bars (on 1.6 manual transmission only)
- Automatic choke (1.6 litre engine only)
- Black bumper with bright insert
- Medium section black bodyside protection mouldings with bright insert
- Rear stone guard
- Warning light: heated backlite on
- Luggage compartment lamp
- Rear door courtesy lamp switches
- Illuminated cigarette lighter and front ashtray
- AM/FM radio/cassette (2 speakers)
- Cloth seat trim
- Driver's seat cushion tilt
- 50/50 fold down rear seat back
- Front door pockets
- Heated backlite
- Quartz digital clock
- Small centre console
- Carpet covered door kickplate
- Loop pile carpet
- Passenger sunvisor with vanity mirror
- Front and rear passenger assist handles and coat hooks

### Other Options

- Air conditioning\*
- Metallic paint
- Prestige paint

\*On vehicles with 1.6 L engine only

## Laser GHIA As for Laser GL, but with these different, upgraded or additional features:

- 1.6 L OHC engine
- 5 speed manual transmission
- 175/65 HR 14 steel belt radial ply tyres
- 14" x 5.5" steel wheels
- Full wheel covers - bright finish
- Four wheel disc brakes (vented front, solid rear)
- Front chin spoiler
- Rear hatch spoiler
- Automatic choke
- Tachometer
- Rear mudflaps
- Body colour bumper with bright moulding
- Body colour radiator grille
- Wide section black bodyside protection moulding with bright insert
- Bodyside pinstripe
- Power door locks
- Warning lights: low fuel, low washer fluid, stop lamp out
- Headlamps on warning chime
- Ergonomically positioned binnacle mounted switches
- Illuminated door and ignition locks
- Front door mounted courtesy/safety lamps
- Interior courtesy lamp with twin spot lamps
- Long park feature
- AM/FM radio/cassette (4 speakers)
- Electrically controlled RHS and LHS exterior rear view mirrors
- Dual horns
- Tilt adjustable steering column
- Luxury soft feel steering wheel
- Driver's left footrest
- Velour cloth seat trim
- Driver and passenger seat back pocket
- Driver's seat lift and lumbar support adjustment
- Under seat storage tray (passenger seat)
- Rear seat headrests
- Moulded door trim with cloth insert
- Moulded front and rear door armrest
- Cloth headlining
- Cloth covered sunvisors
- Large centre console

### Other Options

- Air conditioning
- Power steering (auto trans only)
- Prestige paint (no cost option)
- Metallic paint (no cost option)



# Specifications

FORD LASER			
Engine	1.3 litre	1.6 litre	1.6 litre EFI
Bore & Stroke mm	77 x 69.6	78 x 83.6	78 x 83.6
Cylinder head	Aluminium alloy	Aluminium alloy	Aluminium alloy
Engine Block	Cast iron	Cast iron	Cast iron
Displacement cc	1296	1591	1591
Compression Ratio	9.2:1	9.3:1	9.3:1
Fuel (Octane Rating)	91-93	91-93	91-93
Max Power Output DIN kw/rpm	49/5750	53/5000	61/5000
Max Torque Nm/rpm	94/3500	121/3000	122/2500

Suspension			
Front	* MacPherson Struts * Telescopic shock absorbers * Inclined variable rate coil springs * Negative offset geometry	Rear	* Independent struts * Telescopic shock absorbers * Parallel coil springs * Stabiliser bar * Self stabilising geometry

Dimensions	
<b>General</b>	<b>Metric</b>
Curb weight a/	890 kgs (5 Dr)
Luggage capacity	0.249m <sup>3</sup>
Tyre size	
L, GL	165/75SR13 Steel Belt
Ghia	Radial
	175/65HR14 Steel Belt
	Radial
Fuel tank capacity	45.0 litres
Min. turning circle-diameter	9.4m
a/1.3L or 1.6L engines, GL,	
4-speed manual, no options	
(approx. weight)	

Exterior		Interior	
Overall length	3995mm	Front headroom	974mm
Front overhang	800mm	Front legroom	1054mm
Wheelbase	2400mm	Front shoulder-room	1341mm
Rear overhang	795mm	Front hiproom	1341mm
Overall height	1390mm	Rear headroom	940mm
Overall width	1650mm	Rear legroom	882mm
Front track	1390mm	Rear shoulder-room	1341mm
Rear track	1415mm		
Ground clearance	150mm		

Transmissions and Ratios	1.3 /1.6 Litre 4-speed manual	1.6 Litre 5-speed manual	1.6 Litre 5-speed manual EFI	1.6 Litre 3-speed automatic
1st Gear Ratio	3.416	3.416	3.153	2.841
2nd Gear Ratio	1.842	1.842	1.842	1.541
3rd Gear Ratio	1.290	1.290	1.290	1.000
4th Gear Ratio	0.918	0.918	0.918	—
5th Gear Ratio	—	0.775	0.775	—
Reverse Ratio	3.214	3.214	3.214	2.400
Final Drive Ratio				
Manual Transmission	4.105	3.850	4.105	—
Automatic Transmission	—	—	—	3.631

## Selected Fuel Consumption Data

This data is based on AS2877 Tests conducted for Ford

	1.3L 4-speed manual	1.6L 5-speed manual	1.6L 3-speed automatic	1.6L EFI 5-speed manual
CITY				
L/100km	8.0	9.0	9.5	8.5
mpg	(35.3)	(31.4)	(29.7)	(33.2)
HIGHWAY				
L/100km	6.2	6.6	7.6	6.4
mpg	(45.6)	(42.8)	(37.2)	(44.1)

These figures are provided to assist you in comparing the fuel consumption of Laser with other vehicles. The actual fuel consumption you achieve will depend, however, on many factors, including your driving habits, the prevailing conditions and your vehicle's equipment, condition and use.

# Options

Optional Equipment (Options are at extra cost unless otherwise stated)			
	L	GL	Ghia
Power steering (a)	N/A	N/A	OPT
Integrated air conditioning (b)	N/A	OPT	OPT
Metallic paint	OPT	OPT	NCO
Prestige paint	OPT	OPT	NCO

Engine/Transmission Combinations	L	GL	Ghia
1.3 litre with 4-speed manual	STD	STD	N/A
1.6 litre with 4-speed manual	N/A	OPT	N/A
3-speed auto	N/A	OPT	OPT
5-speed manual	N/A	OPT	STD
1.6 litre EFI 5-speed manual	N/A	N/A	OPT

STD Standard equipment. OPT Optional at extra cost. NCO No cost option. N/A Not available.

## Notes

- (a) Available only with automatic transmission.  
(b) Maximum/economy switch available with 1.6 Litre engine only.

**About this specification Sheet.** This sheet is designed to provide you with selected specification data for the Ford Products which have been described in a general way in the relevant brochure. Because of changes in conditions and circumstances Ford\* reserves the right, subject to all applicable laws, at any time, at its discretion, and without notice to discontinue or change the features, designs, materials, colours and other specifications and the prices of its products, and to either permanently or temporarily withdraw any such products from the market without incurring any liability to any prospective purchaser or purchaser.

Because of variations which occur in manufactured products, all capacities, measurements, dimensions and weights quoted in the relevant brochure and this specification sheet should be taken as approximate only.

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